

10/518276

D Rec'd PCT/PTO 16 DEC 2004

**INFORMATION
DISCLOSURE STATEMENT
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

<i>Application Number</i>	
<i>Filing Date</i>	
<i>First Named Inventor</i>	Americo BRAJAL et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	FR 020060

Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

- I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
- I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.
- Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
- A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.
- A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____ relied on for an earlier effective filing date under 35 U.S.C. 120).
- A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
- A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

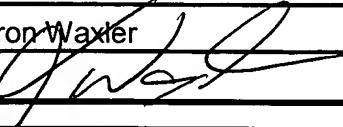
The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

cited in the specification or considered in drafting the specification of this application;

previously submitted or cited in the parent application (or in a related patent application Ser. No. _____ Filing Date: _____);

cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Aaron Waxler	Registration No. (Attorney/Agent)	48,027
Signature		Date	12/9/04

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # _____ on the date below:

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Form PTO-1449
U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND
TRADEMARK OFFICE

Atty. Docket No.
FR 020060

Serial No.

10/518276

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant
Americo BRAJAL et al.

Filing Date
CONCURRENTLY

U.S. PATENT DOCUMENTS

Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub- Class	Trans.	
							Yes	No
	AG							
	AH							
	AI							
	AJ							

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

AK		"Multitone Spread Spectrum Multiple Access Communications System in a Multipath Rician Fading Channel"; L. Vandendorpe, Member, IEEE, Vol. 44, May 1995, pages. 327-337
AL		"A High Spectrum Efficient Multiple Access Code" Baoben Li, pages 598-605
AM		"Generalized Orthogonal Sequences and Their Applications in Synchronous CDMA Systems" Pingzhi Fan and Li Hao, pages 2054-2069.
AN		"A Generalized QS-CDMA System and the Design of New Spreading Codes" Biqu Long, Ping Zhang and Jiandong Hu. Pages 1268-1275.
AO		Electronics Letters, 25 th May 2000, vol. 36 No. 11, pages 993-994.
AP		Electronics Letters, 13 th May 1999, Vol. 35, No. 10, pages 777-779.
AQ		Electronics Letters, 16 th March 2000, Vol. 36, No. 6, pages 551-552.

Examiner _____ Date Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.